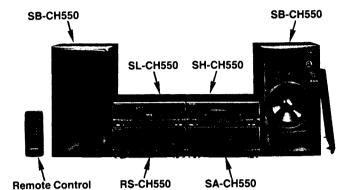
Service Manual

Cassette Deck DOLBY B-C NR

Cassette Deck

RS-CH550



Co	lou	r	

(K) Black Type

Areas

Suffix for Model No.	Area	Colour	
(E)	Europe, Asia, Latin America, Middle Near East, Africa and Oceania	(K)	

System: SC-CH550

Because of unique interconnecting cables, when a component requires service, send or bring in the entire system.

RS-TR165 MECHANISM SERIES (AR300)

SPECIFICATIONS

Transmitter

Track system
Tape speed
Bias frequency
Heads

DECK 1 (playback)
DECK 2 (record/playback)
(erasure)

(erasure

Wow and flutter Fast forward and rewind time

Frequency response NORMAL

CrO₂

METAL

Compact cassette stereo 4.8 cm/sec (17/8 ips)

80 kHz

Permalloy head Permalloy head Double gap ferrite head DC servo motor 0.1% (WRMS) Approx. 110 seconds with C-60 cassette tape

> 30 Hz-16 kHz 40 Hz-15 kHz (DIN) 30 Hz-16 kHz 40 Hz-15 kHz (DIN) 30 Hz-17 kHz 40 Hz-16 kHz (DIN)

S/N (CrO₂ type tape)
Dolby NR off

Dolby B NR on Dolby C NR on 56 dB (A-WTD) 66 dB (CCIR) 74 dB (CCIR)

■ GENERAL

Dimensions (W \times H \times D)

Weight

270×119×264 mm 2.8 kg

Notes:

- 1. Specifications are subject to change without notice.
- 2. Weight and dimensions shown are approximate.
- Total harmonic distortion is measured by the digital spectrum analyzer.

*Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation.

"Dolby" and the double-D symbol are trade marks of Dolby Laboratories Licensing Corporation.

System	Sound processor	Tuner amplifier	Compact disc player	Cassette deck	Speakers	
SC-CH550	SH-CH550	SA-CH550	SL-CH550	RS-CH550	*SB-CH550	

*Europe area...Made in PAES.

Technics

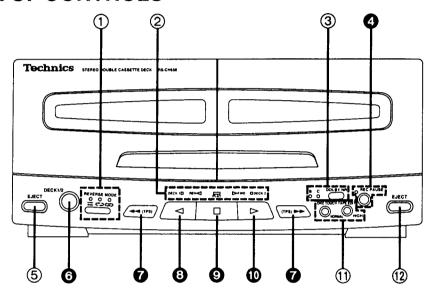
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NOTE:

Refer to the service manual for Model No. SA-CH550, Order No. AD9208265C8 for information on ACCESSORIES, STACKING THE COMPONENTS, CONNECTIONS and PACKAGING.

■ LOCATION OF CONTROLS



(1) Reverse mode select button and indicators (REVERSE MODE)

Press to select the reverse mode (for playback and recording).

② Indicators section

Each indicator lights as follows.

DECK 1: Lights to show you can operate the deck 1.

REV/FWD: PLAY:

Lights to indicate the direction of the tape travel. Lights when you play or record the cassette

tape.

Flashes when you quickly search for the beginning of a program while the tape is being played

(TPS), or while in the recording standby mode.

DECK 2: Lights to show you can operate the deck 2.

③ Dolby noise reduction button and indicators (DOLBY NR, B, C)

Press to reduce hissing noise on the tape. This system has both the Dolby B-type and Dolby C-type noise reduction.

4 Record standby/record pause button and indicator (REC PAUSE)

Press to put deck 2 into the record standby mode.

- (5) Deck 1 cassette eject button (EJECT) Press to open the deck 1 cassette holder.
- 6 Deck 1/deck 2 select button (DECK 1/2) Press to select the deck to be operated.

⑦ Fast-forward/rewind/tape program (TPS) buttons [◄◄ (TPS), (TPS) ▶▶]

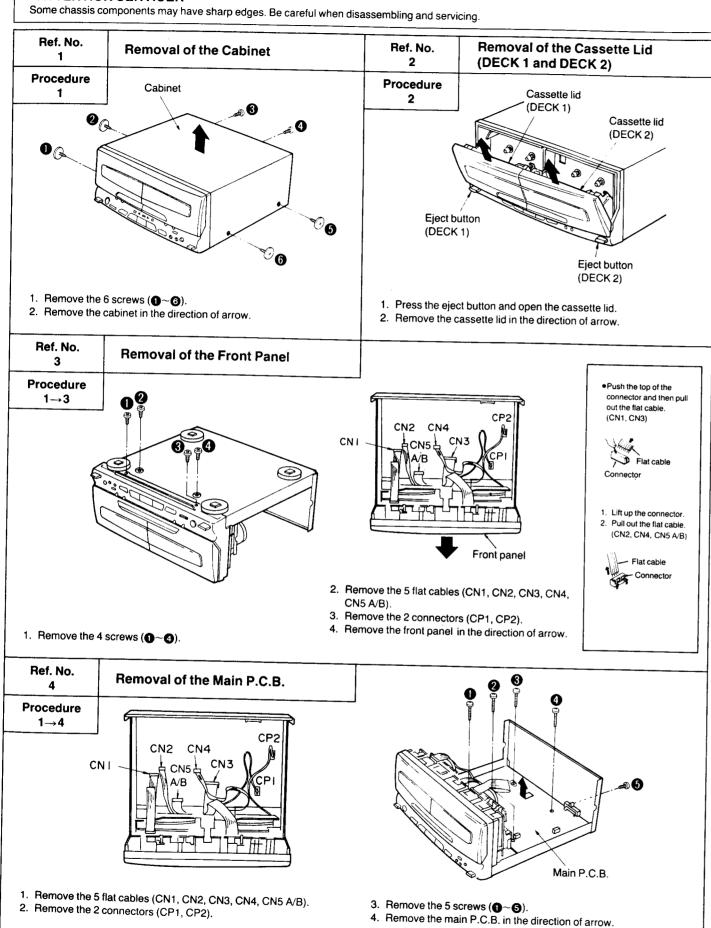
Press to advance or rewind the tape, or to quickly search for the beginning of a program while the tape is being played.

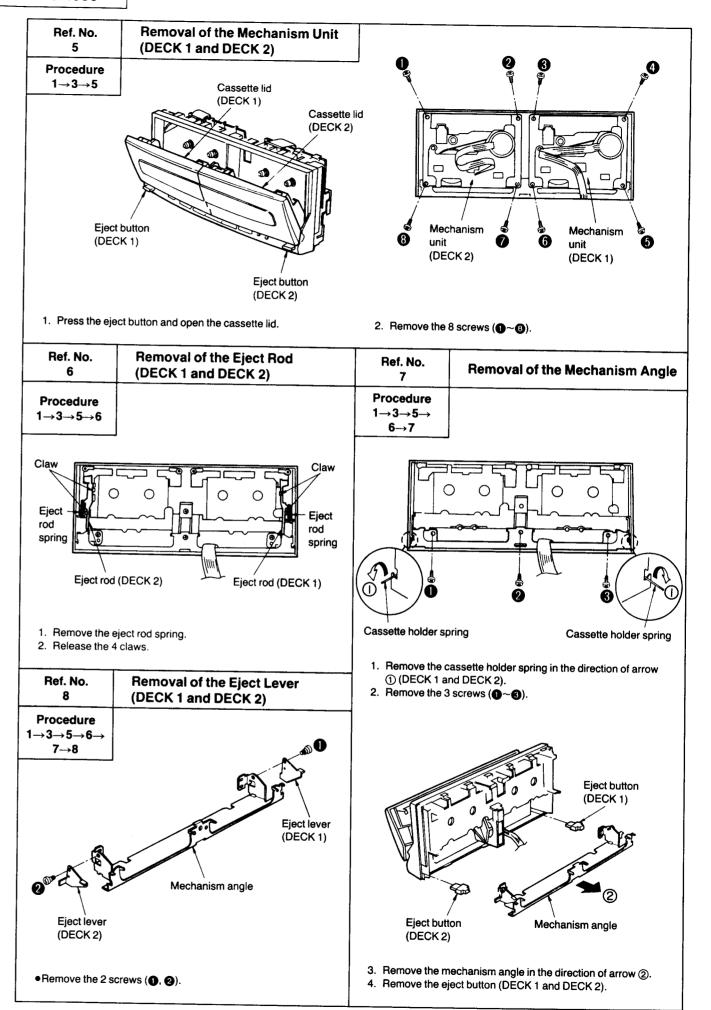
- Reverse-side playback button (<)
 </p>
 - Press to start the playback or recording (deck 2) in the reverse direction.
- Stop button (□)
 - Press to stop the tape.
- Forward-side playback button (▷) Press to start the playback or recording (deck 2) in the forward direction.
- (1) One-touch tape edit buttons (NORMAL, HIGH) Press to start the tape-to-tape recording.
- (12) Deck 2 cassette eject button (EJECT) Press to open the deck 2 cassette holder.

The functions indicated by the numbers with black background (for example (a) can also be activated from the remote control.

■ DISASSEMBLY INSTRUCTIONS

"ATTENTION SERVICER"

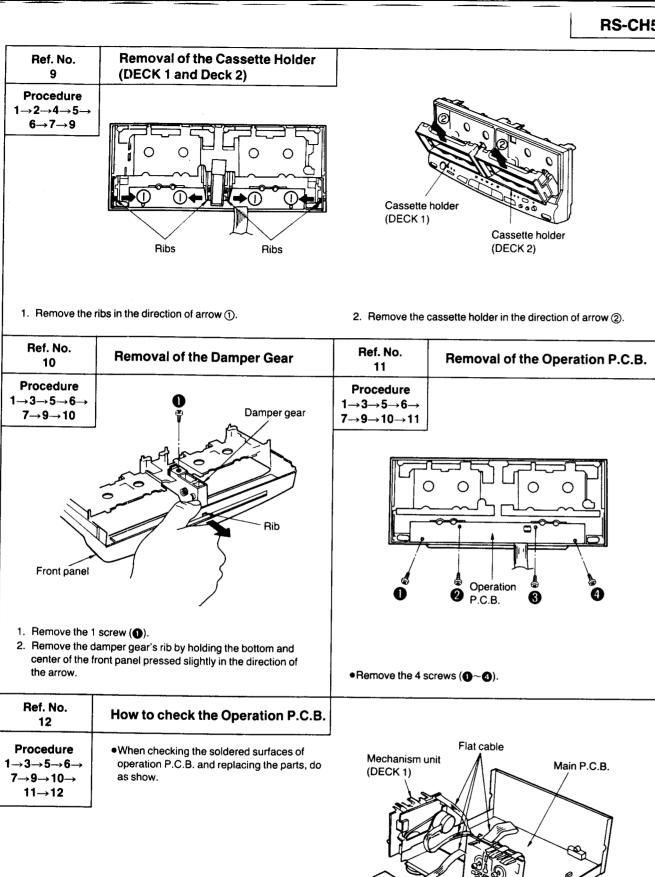


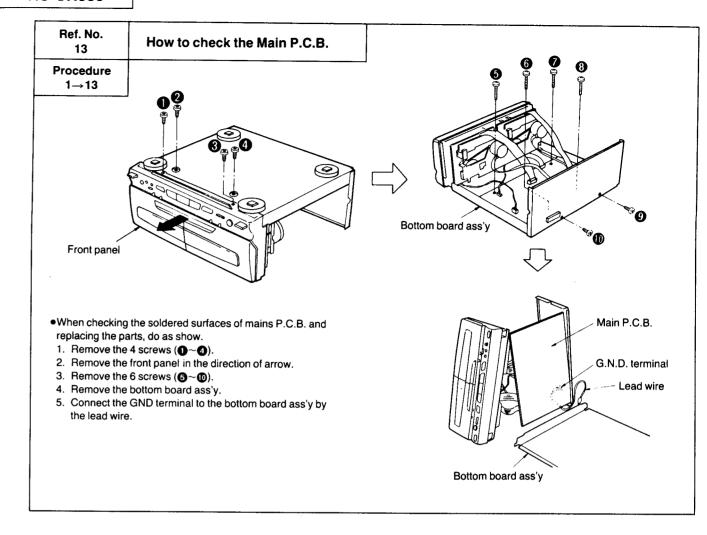




sm Angle

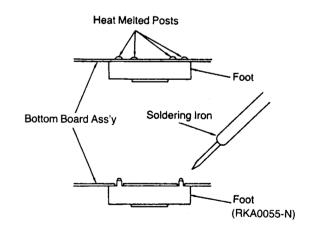
lder spring





• Replacement of the Foot.

- 1. Remove the 4 heat melted posts on the Bottom board ass'v with a pair of nippers or similar tool.
- 2. To replace the foot (RKA0055-N) on the Bottom board ass'y, melt the 4 posts with a soldering iron.



1. Connect the flat cables and connectors of the mechanism units (DECK 1 and DECK 2) to the corresponding

2. Connect the flat cable on the operation P.C.B. to the

(Refer to page 15.)

connectors (CN1, CN2, CN3, and CN4) on the main P.C.B.

connector (CN5 A/B) on the main P.C.B. (Refer to page 15.)

Operation P.C.B.

Mechanism unit

(DECK 1)

Notes:

•S972

Stop switch (•S900

Fast-forward/TPS switch (TPS/▶▶) •S901

Fast-rewind/TPS switch (◄◄/TPS) •S902

Forward side playback switch (▶) •S903

Reverse side playback switch (◄) ●S904

Record/record standby switch (REC PAUSE) ●S905

Deck select switch (DECK 1/2) •S906

One touch tape edit switch (NORMAL) •S907

One touch tape edit switch (HIGH) •S908

Dolby noise reduction switch (DOLBY NR, B, C) •S909 Reverse mode select switch (REVERSE MODE)

•S910

Mode detect switch (Deck 1) •S951

Half detect switch (Deck 1) •S952

: CrO₂ tape detect switch (Deck 1) •S953

: Mode detect switch (Deck 2) •S971 : Half detect switch (Deck 2)

: Reverse side record prevention tab detect switch (Deck 2) •S973

: Forward side record prevention tab detect switch (Deck 2) •S974

: CrO₂ tape detect switch (Deck 2) •S975

: METAL tape detect switch (Deck 2)

•Indicated voltage values are the standard values for the unit measured by the DC electronic circuit tester (high-impedance) with the chassis taken as standard. Therefore, there may exist some errors in the voltage values, depending on the internal impedance of the DC circuit tester.

()...Recording No mark...Playback

•Important safety notice:

Components identified by \triangle mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

•This schematic diagram may be modified at any time with the development of new technology.

•IC and LSI are sensitive to static electricity.

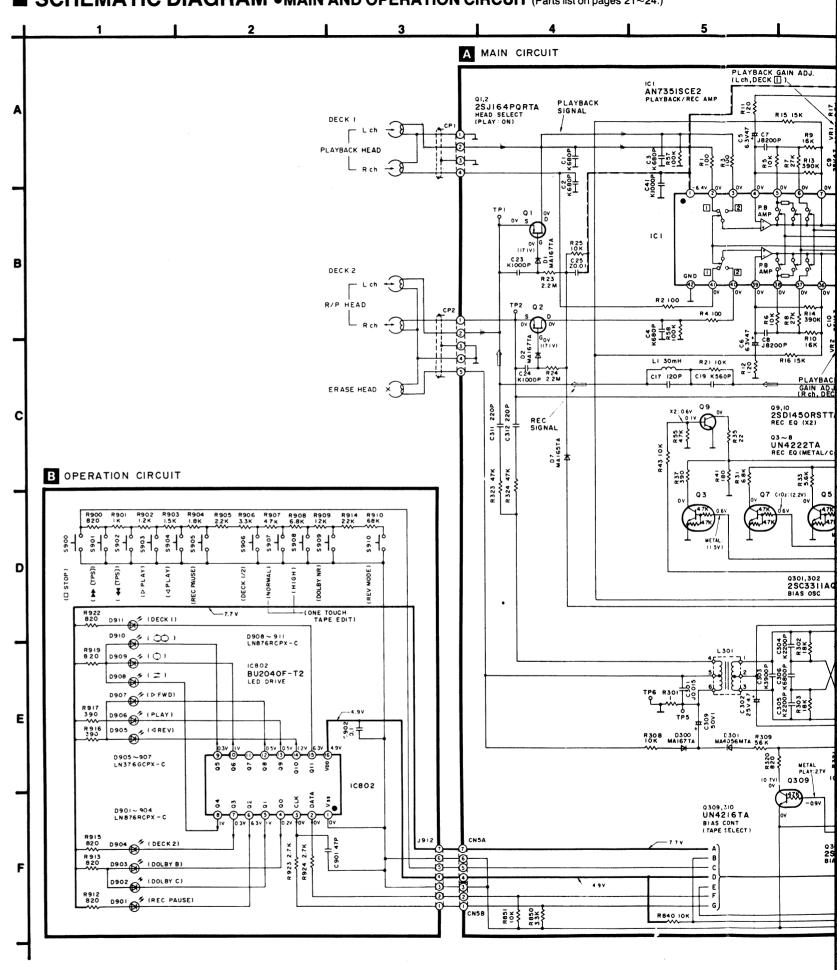
Secondary trouble can be prevented by taking care during repair.

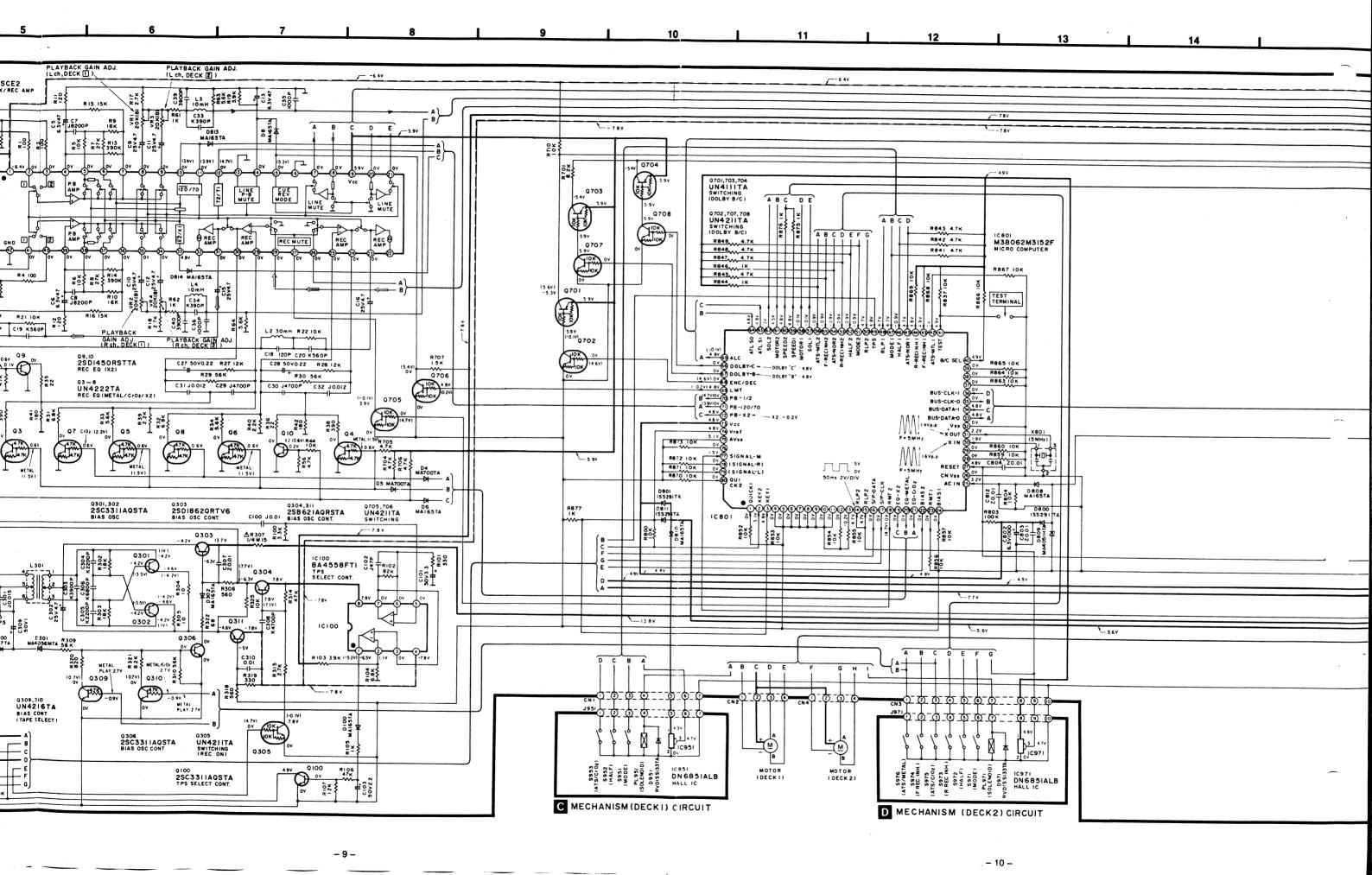
- •Cover the parts boxes made of plastics with aluminum foil.
- •Ground the soldering iron.
- Put a conductive mat on the work table.
- Do not touch the legs of IC or LSI with the fingers directly.
- •The supply part number is described alone in the replacement parts list.

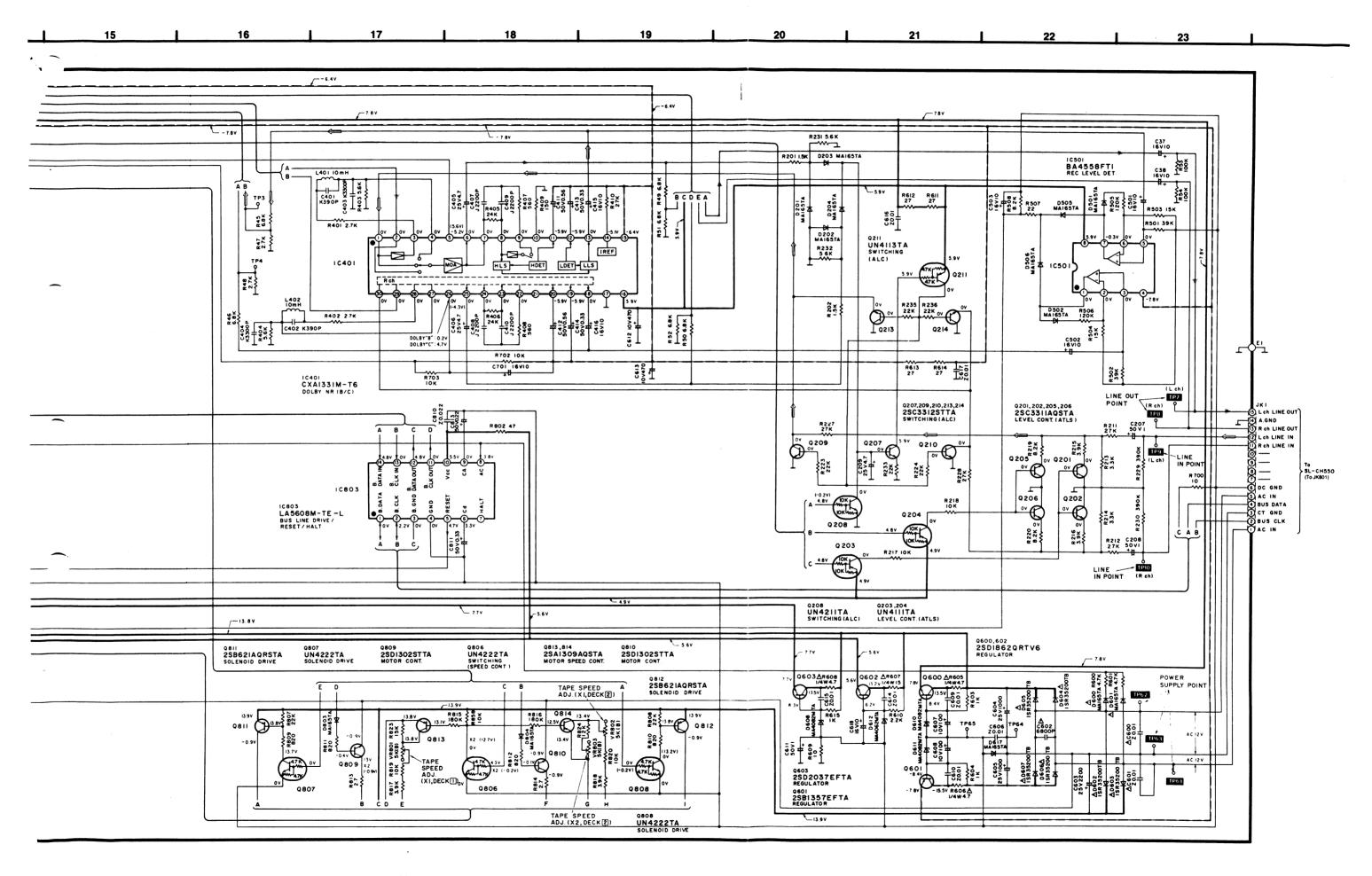
Ref. No.	Production Parts No.	Supply Parts No.
IC100 IC501	BA4558FT1	SVIBA4558F

: Positive Voltage Line : Negative Voltage Line : Playback Signal Line : Recording Signal Line

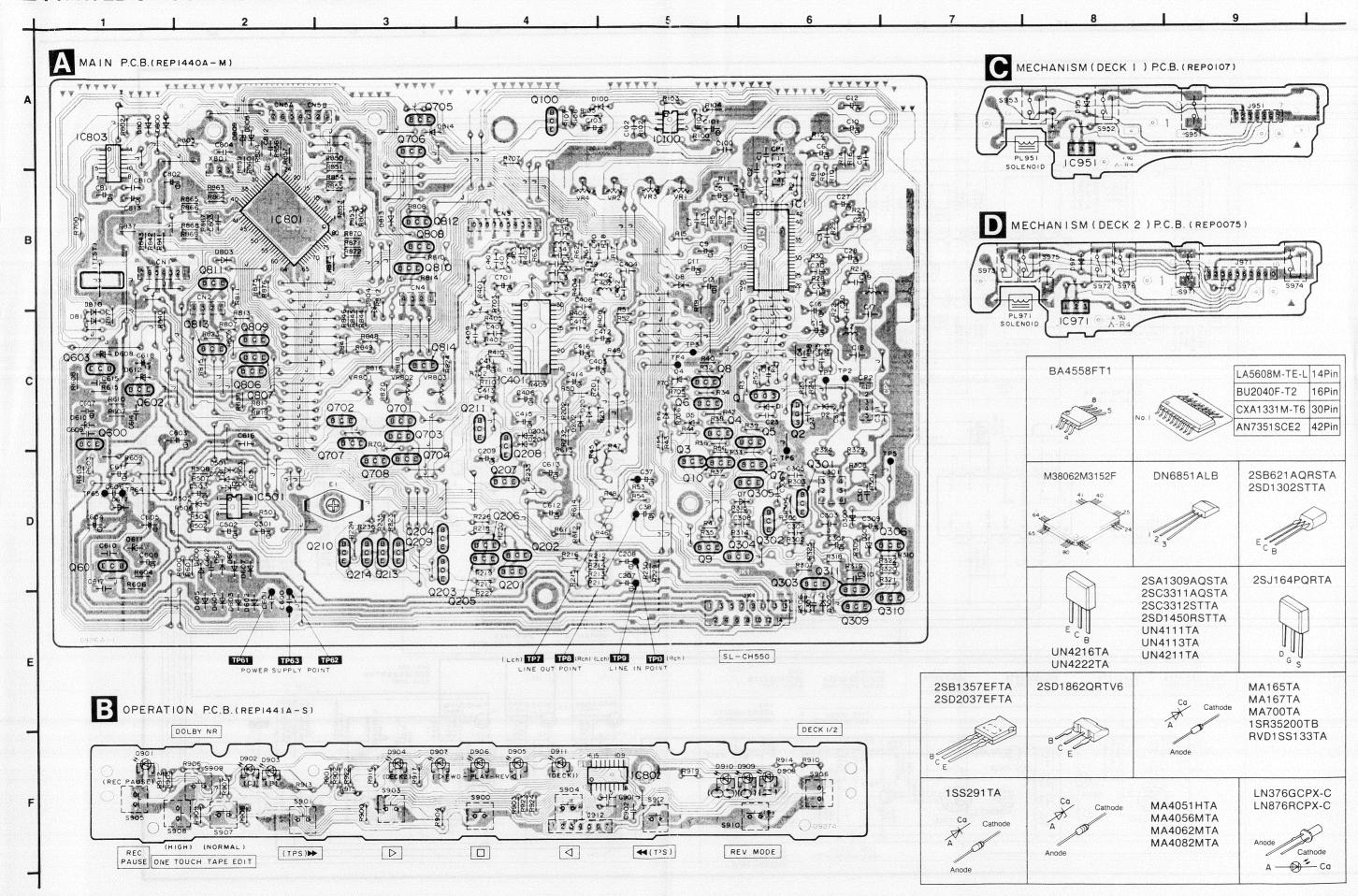
■ SCHEMATIC DIAGRAM • MAIN AND OPERATION CIRCUIT (Parts list on pages 21~24.)



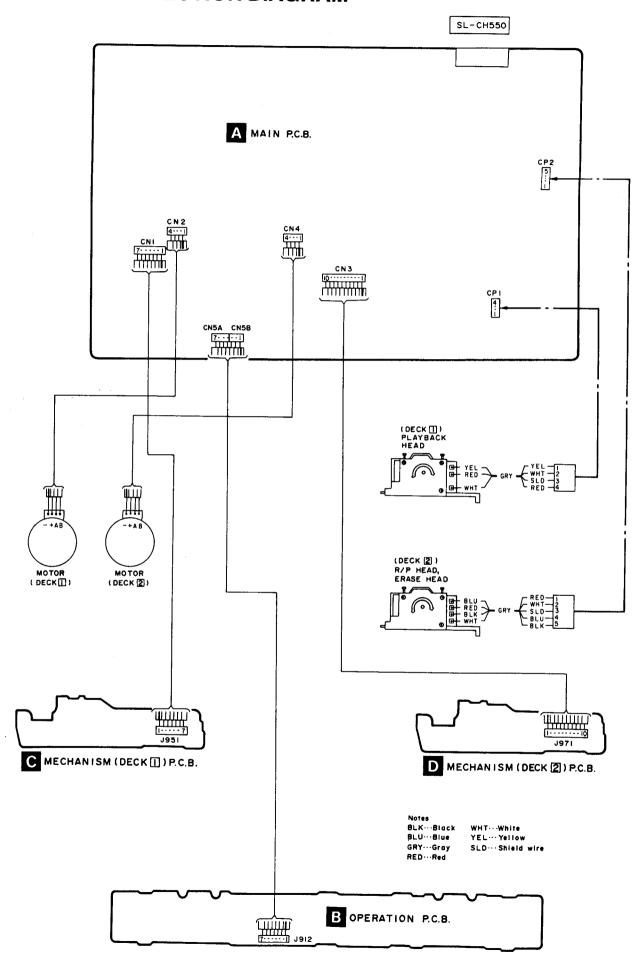








■ WIRING CONNECTION DIAGRAM



■ MEASUREMENTS AND ADJUSTMENTS

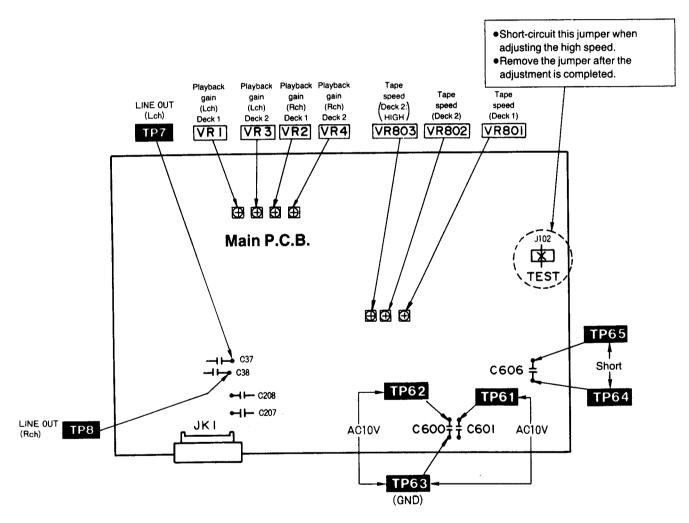
The RS-CH550 operates on power supplied from the SA-CH550 tuner amplifier.

To operate the RS-CH550 by connecting it to the tuner amplifier, short-circuit the test points shown below.

•Connect a jumper across TP64 and TP65.

The procedure below enables the RS-CH550 to be operated by itself without the SA-CH550 tuner amplifier during testing and repair.

- 1. Connect a jumper across TP64 and TP65.
- 2. Apply 10 V AC across TP61 and TP63 and TP62.
- Remove the jumper after the operational check is completed.



Measurement Condition

- •Reverse-mode selector switch;
- One touch tape edit switch; NORMAL
- Dolby NR switch; OFF

Measuring instrument

- ●EVM (Electronic Voltmeter)
- Oscilloscope
- Digital frequency counter

Test tape

- ●Head azimuth adjustment (8 kHz, -20 dB); QZZCFM
- •Tape speed adjustment (3 kHz, −10 dB); QZZCWAT
- Playback frequency response (315 Hz, 12.5 kHz, 10 kHz, 8 kHz, 4 kHz, 1 kHz, 250 Hz, 125 Hz, 63 Hz, -20 dB); QZZCFM

- •Make sure heads are clean
- •Make sure capstan and pressure roller are clean
- Judgeable room temperature 20±5°C (68±9°F)

●Playback gain adjustment (315 Hz, 0 dB); QZZCFM

HEAD AZIMUTH ADJUSTMENT (DECK 1/2)

 Playback the azimuth adjustment portion (8 kHz, -20 dB) of the test tape (QZZCFM). Vary the azimuth adjusting screw until the outputs of the L-CH and R-CH are maximized and the lissajous waveform, as illustrated, approaches 0 degrees.

Note: If L-CH and R-CH are not maximized at the same point, adjust to the point where the levels of each channel are maximized and equal.

- 2. Perform the same adjustment in the play mode.
- 3. After the adjustment, apply screwlock to the azimuth adjusting screw

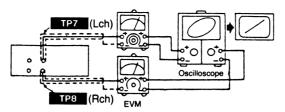


Fig. 1

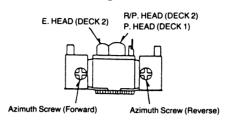


Fig. 2

TAPE SPEED ADJUSTMENT (DECK 1/2)

Normal speed

- Press the one touch tape edit (NORMAL) button.
 This will set the normal speed mode.
- 2. Playback the middle portion of the test tape (QZZCWAT).
- Adjust Deck 1 = VR801 and Deck 2 = VR802 so that the output is within the standard value.

Standard value: 3000±15 Hz (NORMAL speed)

High speed [Set the unit to forward (FWD) mode.]

- 4. Short-circuit the jumper (J102). This will set the high speed mode.
- 5. Playback the middle portion on the test tape (QZZCWAT).
- At that time, check if the output from DECK 1 is within the standard value.

Standard value: 6000±630 Hz (HIGH speed)

7. Adjust VR803 so that the output frequency of DECK 2 is within ±30 Hz of the value of the output frequency of DECK 1.

or TP8 Digital frequency counter

Fig. 3

PLAYBACK GAIN ADJUSTMENT (DECK 1/2)

- Playback the gain adjusted portion (315 Hz, 0 dB) of the test tape (QZZCFM).
- Adjust Deck 2=VR3 (L-CH) [VR4 (R-CH)] and Deck 1=VR1 (L-CH) [VR2 (R-CH)] so that the output is within the standard value.

Standard value: 400 mV±0.5 dB

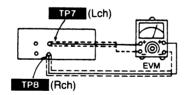


Fig. 4

PLAYBACK FREQUENCY RESPONSE (DECK 1/2)

- Playback the frequency response portion (315 Hz, 12.5 kHz~63 Hz, -20 dB) of the test tape (QZZCFM).
- 2. Assure that the frequency response is within the range shown in Fig. 6 for both L-CH and R-CH.

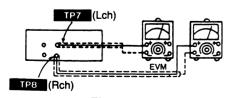


Fig. 5

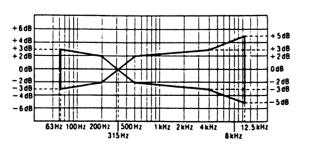


Fig. 6

■ FUNCTION OF IC TERMINALS

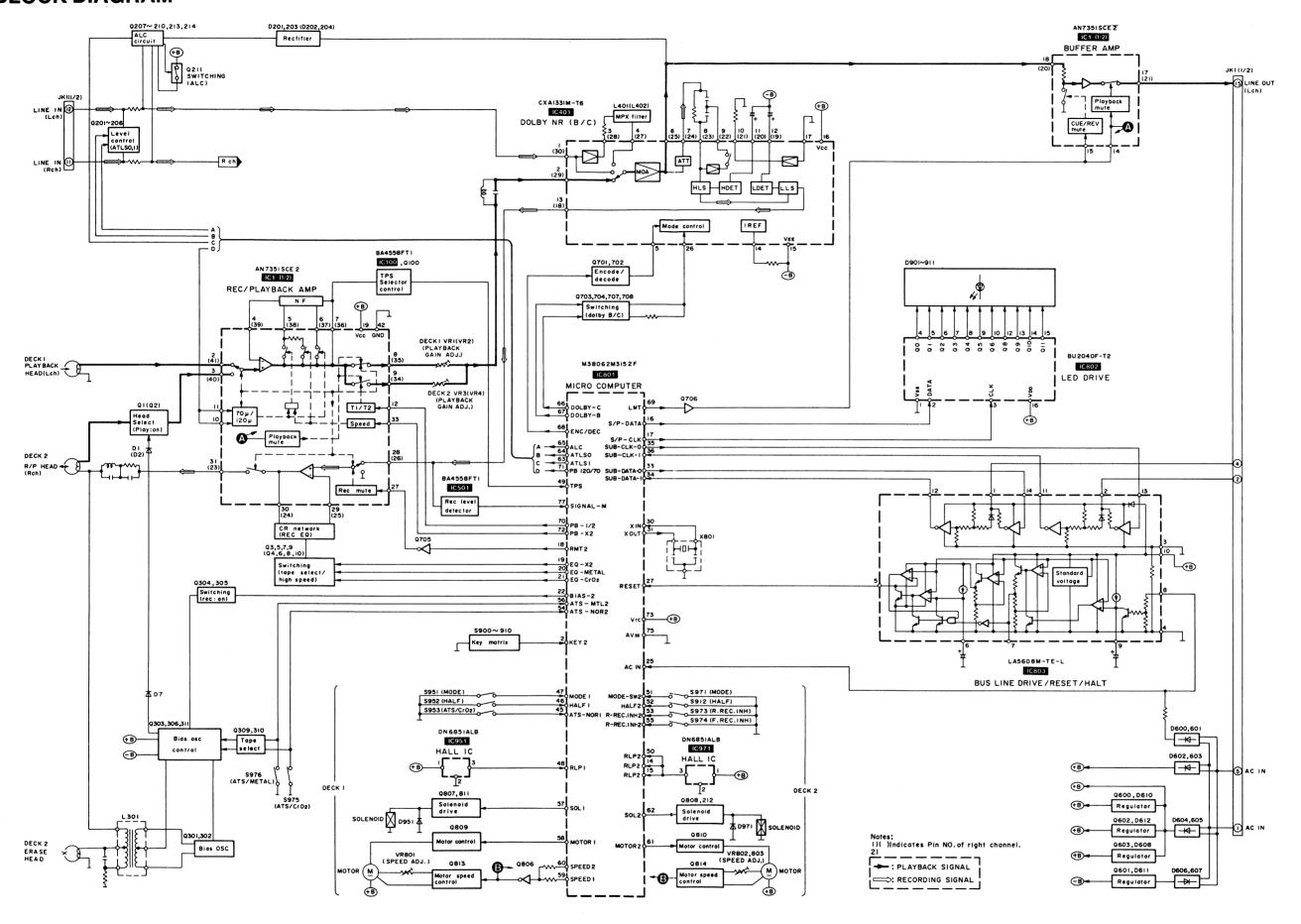
•IC801 (M38062M3152F)

Pin No.	Terminal Name	vo	Function		
1	QUICK1	ı	No use (pull down connection to Vss by resistance)		
2	KEY2	1	Operation key and switch inputs of Decks 1 and 2		
3	KEY1	ı	Pull-up connection to Vss by resistance		
4 ≀ 11	_	_	For Vss connection		
12 • 13		_	Pull-down connection to Vss by resistance		
14	RLP2	ı	Detection pulse signal input of Deck 2 reel rotation		
15	RLP2	1	Detection pulse signal input of Deck 2 reel rocation		
16	S/P-DATA	0	Serial signal output to LEDIC		
17	S/P-CLK	0	Serial signal output to LED IC		
18	RMT2	0	Recording muting signal output		
19	EQ-×2	0	Switching signal output for equalizer of recording amplifier (×1/×2)		
20	EQ-METAL	0	Switching signal output for equalizer of recording amplifier (METAL)		
21	EQ-CrO ₂	0	Switching signal output for equalizer of recorder_amplifier (CrO2)		
22	BIAS2	0	ON/OFF signal output for recording bias		
23	RMT1	0	No use (Pull-down connection to Vss by resistance)		
24	BIAS1	0	No use (Pull-down connection to Vss by resistance)		
25	AC IN	ı	Power OFF detection signal input		
26	CNVss	_	For Vss connection		
27	RESET	1	Microprocessor reset signal output		
28 • 29		_	Pull-down connection to Vss by resistance		
30	XIN	ı	Microprocesser clock signal input		
31	XOUT	0	Microprocessor clock signal output		
32	Vss	_	Ground connection		
33	BUS-DATA-O	0			
34	BUS-DATA-I	ı			
35	BUS-CLK-O	0	Bus signal input and output		
36	BUS-CLK-I	ı			
37 ≀ 39			Pull-down connection to Vss by resistance		
40	B/C SEL	0	Pull-down connection to Vss by resistance		
41	TEST	1	For ON/OFF of TEST mode		
42	ATS-MTL1	1	No use (pull-down connection to Vss by resistance)		
43	F-RECINH1	ı	resistance) No use (pull-down connection to Vss by resistance)		
44	R-RECINH1	ı	No use (pull-down connection to Vss by resistance)		
45	ATS-NOR1	ı	Tape position (NORMAL) detection SW input of Deck 1		

Pin No.	Terminal Name	νο	Function
46	HALF1	ı	Tape-in/out detection SW input of Deck 1
47	MODE1	ı	Mechanical mode SW input of Deck 1
48	RLP1	ı	Detection pulse signal input of Deck 1 reel rotation
49	TPS	1	Song detection signal input during TPS operation
50	RLP2	I	Detection pulse signal input of Deck 2 reel rotation
51	MODE2	ı	Mechanical mode SW input of Deck 2
52	HALF2	1	Tape-in/out detection SW input of Deck 2
53	R-RECINH2	ı	Tape erasure prevention SW input of Deck 2 (in "◀" direction)
54	ATS-NOR2	I	Tape position (NORMAL) detection SW input of Deck 2
55	F-RECINH2	ı	Tape erasure prevention SW input of Deck 2 (in "▶" direction)
56	ATS-MTL2	ı	Tape position (METAL) detection SW input of Deck 2
57	SOL1	0	Plunger ON/OFF signal output of Deck 1 mechanism
58	MOTOR1	0	Motor ON/OFF signal output of Deck 1 mechanism
59	SPEED1	0	Motor speed switching signal output of Deck 1 mechanism
60	SPEED2	0	Motor speed switching signal output of Deck 2 mechanism
61	MOTOR2	0	Motor ON/OFF signal output of Deck 2 mechanism
62	SOL2	0	Plunger ON/OFF signal output of Deck 2 mechanism
63	ATLS1	0	Setting of ATLS operation level
64	ATLS0	0	Setting of ATES operation level
65	ALC	0	ON/OFF signal output of ALC circuit
66	DOLBY-C	0	ON/OFF signal output of Dolby C
67	DOLBY-B	0	ON/OFF signal output of Dolby B
68	ENC/DEC	0	Encoder/decoder switching signal output of Dolby IC
69	LMT	0	Line out muting signal output
70	PB-1/2	0	Switching signal of player amplifier (Deck 1/2)
71	PB-120/70	0	Switching signal output for equalizer of player amplifier
72	PB-X2	0	Switching signal output for equalizer of player amplifier
73	Vcc	1	Power supply terminal for microprocessor
74	Vref	1	Reference power supply terminal for A/D input
75	AVss	_	Ground terminal for A/D input
76		-	Pull-down connection to Vss by resistance
77	SIGNAL-M	-	ATLS signal input
78	(SIGNAL-R)	I	No use (pull-down connection to Vss by resistance)
79	(SIGNAL-L)	ı	No use (pull-down connection to Vss by resistance)
80	QUICK2	1	No use (pull-down connection to Vss by resistance)

FIS-CH550

■ BLOCK DIAGRAM



■ REPLACEMENT PARTS LIST

Notes: ¹Important safety notice:

Components identified by △ mark have special characteristics important for safety.

Furthermore, special parts which have purposes of fire-retardant (resistors), high-quality sound (capacitors), low-noise (resistors), etc. are used. When replacing any of components, be sure to use only manufacturer's specified parts shown in the parts list.

¹The parenthesized indications in the Remarks columns specify the areas. (Refer to the cover page for area.)

Parts without these indications can be used for all areas.

-B -B 	(20)]	KI(I/2) GLINE OUT (Lch)
TOI IREF VEE	090i~911 4 5 6 7 8 9 10 12 13 14 15	BU 2040F-T2	
5	4 d d d d d d d d d d d d d d d d d d d	LED DRIVE	© ©
x801	LASGORM-TE GROSS BUS LINE DRIVE/R	+	
BIO Control VR802,803 BIA SPEED ADJ.) Speed M MOTOR M MOTOR	Notes: 1)()Indicates Pin NO. of right channel. 2) -: PLAYBACK SIGNAL :>: RECORDING SIGNAL	D600,601	(ac in

					7		
Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
	<u> </u>	THEODY BCD GIDGINE (0)			ļ	DIADE (O)	
		INTEGRATED CIRCUIT (S)		-{}		DIODE (S)	
IC1	AN7351SCE2	I C DIAVDACK (DEC AMD		101 2	WA167	DIODE	
	SVIBA4558F	I. C, PLAYBACK/REC AMP I. C, TPS SELECT CONT.		D1, 2	MA167 MA700TA	DIODE	
IC100				D4, 5	 		
IC401 IC501	CXA1331M-T6 SVIBA4558F	I. C, DOLBY NR I. C. REC LEVEL DET.		D6-8 D100	MA165 MA165	DIODE	
IC801		I. C, MICRO COMPUTER		D201-204	MA165	DIODE	
C802	BU2040F-T2	I. C, LED DRIVE	=	D300	MA167	DIODE	
IC803	 	I. C, BUS LINE DRIVE/RESET		D301	MA4056MTA	DIODE	
C951	DN6851ALB			D302	MA165	DIODE	
C971	DN6851ALB	I. C, HALL		D501, 502	MA165	DIODE	
U3/1	DMOOSTALD	I. C, HALL			 		
	 	TDANCICTOD/C\		D505, 506	MA165	DIODE	Δ
	 	TRANSISTOR(S)		D600, 601 D602-607	MA165 1SR35200TB	DIODE	Δ
	OC II CADODTA	TDANCICTOD			+		<u> </u>
1, 2	2SJ164PQRTA UN4222	TRANSISTOR		D608	MA4082MTA	DIODE	
)3-8 	 	TRANSISTOR		D610, 611	MA4082MTA	DIODE	
)9 \	2SD1450RTA	TRANSISTOR		D612	MA4062MTA	DIODE	
210	2SD1450RTA	TRANSISTOR		D617	MA165	DIODE	
2100	2SC3311A-Q	TRANSISTOR		D800, 801	1SS291TA	DIODE	
201, 202	2SC3311A-Q	TRANSISTOR		D803, 804	MA165	DIODE	
203, 204	UN4111	TRANSISTOR		D808	MA165	DIODE	
Q205, 206	2SC3311A-Q	TRANSISTOR		D809	MA4051H	DIODE	
207	2SC3312STTA	TRANSISTOR		D810	MA165	DIODE	
2208	UN4211	TRANSISTOR		D811	1SS291TA	DIODE	
Q209, 210	2SC3312STTA	TRANSISTOR		D813, 814	MA165	DIODE	
2211	UN4113TA	TRANSISTOR		D901-904	LN876RCPX-C	L. E. D.	
2213, 214	2SC3312STTA	TRANSISTOR		D905-907	LN376GCPX-C	L. E. D.	
2301, 302	2SC3311A-Q	TRANSISTOR		D908-911	LN876RCPX-C	L. E. D.	
2303	 	TRANSISTOR		D951	RVD1SS133TA	DIODE	
2304	2SB621A-R	TRANSISTOR		D971	RVD1SS133TA	DIODE	
Q305	UN4211	TRANSISTOR			ļ		
Q306	2SC3311A-Q	TRANSISTOR			-	VARIABLE RESISTOR(S)	
Q309, 310	UN4216-S	TRANSISTOR		1			
311	2SB621A-R	TRANSISTOR		VR1	EVNDXAA00B24	V. R, PLAYBACK GAIN (DECK1) (L)	
Q600	2SD1862QRTV6	TRANSISTOR		VR2	EVNDXAA00B24	V. R, PLAYBACK GAIN (DECK1) (R)	
2601	2SB1357EFTA	TRANSISTOR		VR3	EVNDXAA00B24	V. R. PLAYBACK GAIN (DECK2) (L)	
2602	2SD1862QRTV6	TRANSISTOR		VR4	EVNDXAA00B24	V. R. PLAYBACK GAIN (DECK2) (R)	
2603	2SD2037EFTA	TRANSISTOR		VR801	EVNDXAA00B53	ļ	
701	UN4111	TRANSISTOR		VR802	EVNDXAA00B53		
702	UN4211	TRANSISTOR		VR803	EVNDXAA00B53	V. R, TAPE SPEED (DECK2)	
703, 704	UN4111	TRANSISTOR					
Q705-708	UN4211	TRANSISTOR				COIL(S)	
Q806-808	UN4222	TRANSISTOR					
Q809, 810	2SD1302STTA	TRANSISTOR		L1, 2	SLQX303-1KT	COIL	
2811, 812	2SB621A-R	TRANSISTOR		L3, 4	RLQB103JT-Y	COIL	
Q813, 814	2SA1309A-R	TRANSISTOR		L301	SL09B4-K	COIL	

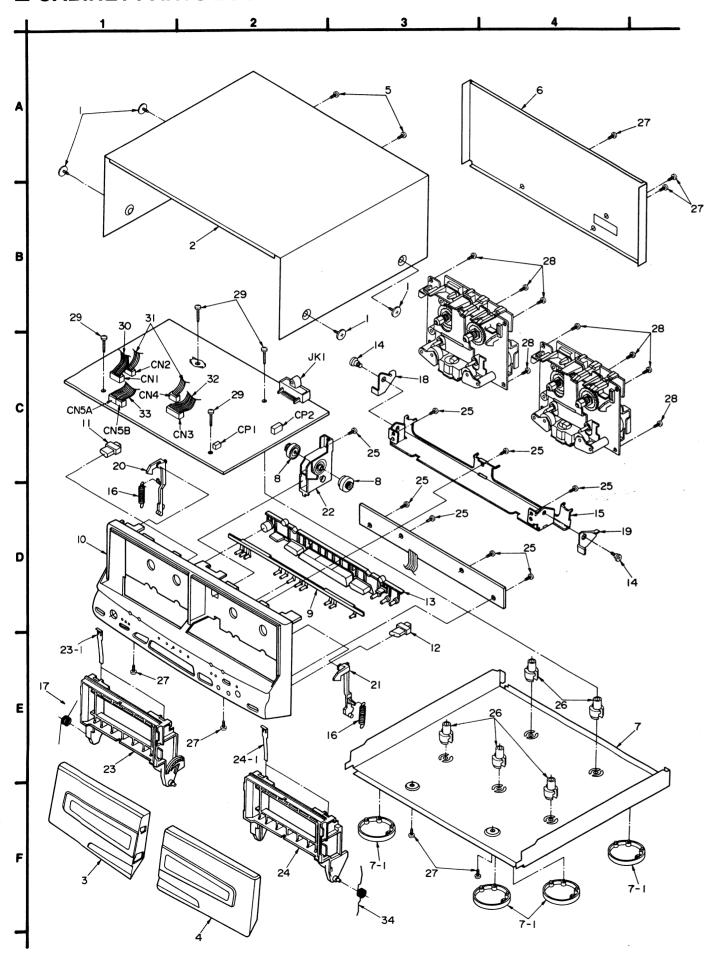
Ref. No.	Part No.	Part Name & Description	Remarks
.401, 4 02	RLQB103JT-Y	COIL	
		OSCILLATOR	
801	RSXY5MOOMO1T	OSCILLATOR	
		SWITCH(ES)	
S900	EVQ21405R	SW, STOP	
	EVQ21405R	SW, F. F. (TPS)	
	EVQ21405R	SW, REW(TPS)	
	EVQ21405R	SW, PLAY (FWD)	
	EVQ21405R	SW, PLAY (REV)	
	EVQ21405R	SW, REC PAUSE	
	EVQ21405R EVQ21405R	SW, DECK1/2	
	EVQ21405R	SW, NORMAL	
	EVQ21405R	SW, HIGH	
	EVQ21405R	SW, DOLBY NR	
	EVQ21405R	SW, REV MODE	
	RSH1A89Z	SW, DECK1 MODE	
S952	RSH1A90YC-U	SW, DECK1 HALF	
S953	RSH1A90YC-U	SW, DECK1 ATS/CrO2	
S9 7 1	RSH1A89Z	SW, DECK2 MODE	
		SW, DECK2 HALF	
		SW, DECK2 R. REC INH	
		SW, DECK2 F. REC INH	
		SW, DECK2 ATS/CrO2	
	RSH1A90YC-U		
3710	POUTVAOLC-0	SW, DECK2 ATS/METAL	
·		ANNIPATON	
		CONNECTOR	
	RJT065K15	CONNECTOR (15P)	
	REZ0511	FLAT CABLE (7P)	
		CONNECTOR (7P)	
J971	RJS10T7ZA	CONNECTOR (10P)	
CN1	RJS7T4ZA	CONNECTOR (7P)	
	RJS1A6604	CONNECTOR (4P)	
	SJSD1005	CONNECTOR (10P)	
	RJS1A6604	CONNECTOR (4P)	
	· · · · · · · · · · · · · · · · · · ·	CONNECTOR (4P)	
	RJS1A6603	CONNECTOR (3P)	
		CONNECTOR (4F)	
UF Z	UN LOUI QUA	CONNECTOR (5P)	
		D. Own. mpp.	
		EARTH TERMINAL	
E1 ;	SNE1004-1	GND PLATE	
			· · · · · · · · · · · · · · · · · · ·

Notes : * Capacity values are in microfarads (uF) unless specified otherwise, P=Pico-farads(pF) F=Farads(F)
* Resistance values are in ohms, unless specified otherwise, 1K=1,000(0HM), 1M=1,000k(0HM)

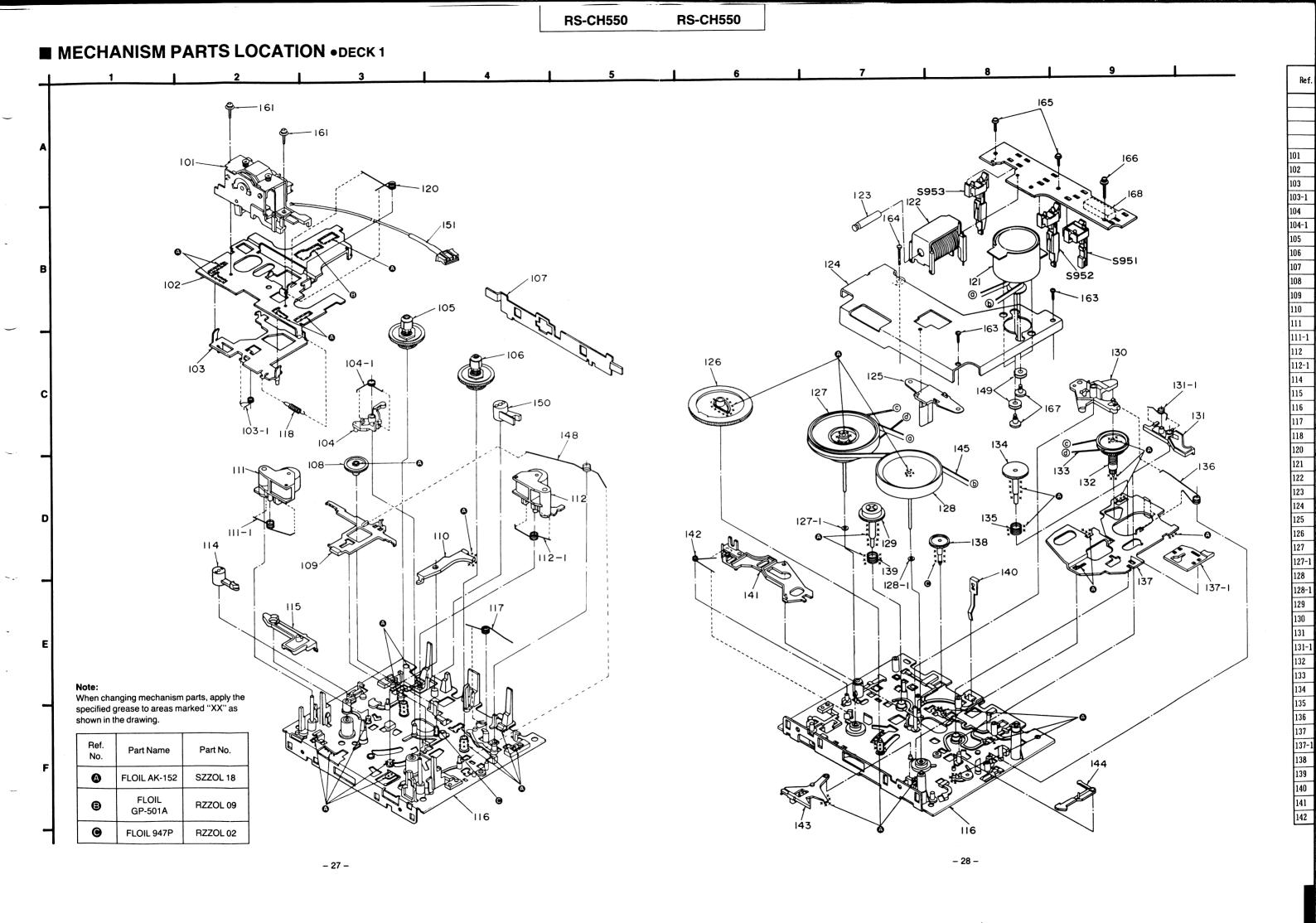
Ref. No.	Part No.	Valu	ues & Remarks	Ref. No.	Part No.	Val	ues & Remarks	Ref. No.	Part No.	Val	ues & Remarks
				R229, 230	ERDS2TJ394	1/4W	390K	R803	ERDS2TJ104	1/4W	100K
		RESISTO	DC .	R231, 232	ERDS2TJ562	1/4W	5. 6K	R804	ERDS2TJ103	1/4W	10K
		NESISIU	NO .	R233	ERDS2TJ223	1/4W	22K	R807, 808	ERDS2TJ223	1/4W	22K
R1-4	ERDS2TJ101	1/4W	100	R235, 236	ERDS2TJ223	1/4W	22K	R809-812	ERDS2TJ821	1/4W	820
R5, 6	ERDS2TJ103	1/4W	10K	R301	ERDS2TJ1RO	1/4W	1. 0	R813, 814	ERDS2TJ2R7T	1/4W	2. 7
R7, 8	ERDS2TJ273	1/4W	27K	R302, 303	ERDS2TJ183T	1/4W	18K	R815, 816	ERDS2TJ184T	1/4W	180K
R9	ERDS2TJ163T	1/4W	16K	R304, 305	ERDS2TJ100	1/4W	10	R817, 818	ERDS2TJ392T	1/4W	3. 9K
R10	ERDS2TJ163T	1/4W	16K	R306	ERDS2TJ561	1/4W	560	R819, 820	ERDS2TJ103	1/4W	10K
R11, 12	 	1/4W	120	R307	ERD2FCVG150T	1/4W	15 ⚠	R823	ERDS2TJ153	1/4W	15K
	ERDS2EJ121	1/4W	390K	R308		1/4W	10K	R824	ERDS2TJ123	1/4W	12K
R13, 14	ERDS2TJ394	 			ERDS2TJ103	1/4W	56K	R837	ERDS2TJ103	1/4W	10K
R15, 16	ERDS2TJ153	1/4W	15K	R309	ERDS2TJ563			{}			10K
R17, 18	ERDS2TJ272T	1/4W	2. 7K	R310	ERDS2TJ562	1/4W	5. 6K	R840 R841-843	ERDS2TJ103 ERDS2TJ472	1/4W	4. 7K
R19	ERDS2TJ392T	1/4W	3. 9K	R314	ERDS2TJ473	1/4W	47K	 			1K
R21, 22	ERDS2TJ103	1/4W	10K	R315	ERDS2TJ272T	1/4W	2. 7K	R844	ERDS2TJ102 ERDS2TJ472	1/4W	4. 7K
R23, 24	ERDS2TJ225	1/4W	2. 2M	R318	ERDS2TJ561	1/4W	560	R845		1/4W	
R25	ERDS2TJ103	1/4W	10K	R319	ERDS2TJ331	1/4W	330	R846	ERDS2TJ102	1/4W	1K
R27, 28	ERDS2TJ123	1/4W	12K	R320	ERDS2TJ821	1/4W	820	R847-849	ERDS2TJ472	1/4W	4. 7K
R29, 30	ERDS2TJ563	1/4W	56K	R321	ERDS2TJ822	1/4W	8. 2K	R850	ERDS2TJ332	1/4W	3. 3K
R31, 32	ERDS2TJ682T	1/4W	6. 8K	R322	ERDS2TJ680T	1/4W	68	R851-860	ERDS2TJ103	1/4W	10K
R33, 34	ERDS2TJ562	1/4W	5. 6K	R323, 324	ERDS2TJ473	1/4W	47K	R863-873	ERDS2TJ103	1/4W	10K
R35, 36	ERDS2TJ220T	1/4W	22	R325	ERDS2TJ103	1/4W	10K	R875-877	ERDS2TJ102	1/4W	1K
R37, 38	ERDS2TJ391	1/4W	390	R401, 402	ERDS2TJ272T	1/4W	2. 7K	R900	ERDS2TJ821	1/4W	820
R39, 40	ERDS2TJ222	1/4W	2. 2K	R403, 404	ERDS2TJ562	1/4W	5. 6K	R901	ERDS2TJ102	1/4W	1K
R41, 42	ERDS2TJ181T	1/4W	180	R405, 406	ERDS2TJ243T	1/4W	24K	R902	ERDS2TJ122	1/4W	1. 2K
R43, 44	ERDS2TJ103	1/4W	10K	R407, 408	ERDS2TJ561	1/4W	560	R903	ERDS2TJ152	1/4W	1. 5K
R45, 46	ERDS2TJ682T	1/4W	6. 8K	R409	ERDS2TJ151	1/4W	150	R904	ERDS2TJ182	1/4W	1. 8K
R47, 48	ERDS2TJ272T	1/4W	2. 7K	R410	ERDS2TJ273	1/4W	27K	R905	ERDS2TJ222	1/4W	2. 2K
R49-52	ERDS2TJ682T	1/4W	6. 8K	R501, 502	ERDS2TJ393	1/4W	39K	R906	ERDS2TJ332	1/4W	3. 3K
R53, 54	ERDS2TJ104	1/4W	100K	R503, 504	ERDS2TJ153	1/4W	15K	R907	ERDS2TJ472	1/4W	4. 7K
R55, 56	ERDS2TJ472	1/4W	4. 7K	R505, 506	ERDS2TJ124T	1/4W	120K	R908	ERDS2TJ682T	1/4W	6. 8K
R57, 58	ERDS2TJ104	1/4W	100K	R507	ERDS2TJ220T	1/4W	22	R909	ERDS2TJ123	1/4W	12K
R61, 62	ERDS2TJ102	1/4W	1K	R508	ERDS2TJ822	1/4W	8. 2K	R910	ERDS2TJ683	1/4W	68K
R63, 64	ERDS2TJ562	1/4W	5. 6K	R600, 601	ERDS2TJ472	1/4W	4. 7K	R912, 913	ERDS2TJ821	1/4W	820
R100	ERDS2TJ332	1/4W	3. 3K	R603, 604	ERDS2TJ102	1/4W	1K	R914	ERDS2TJ223	1/4W	22K
R101	ERDS2TJ331	1/4W	330	R605, 606	ERD2FCVJ4R7T	1/4W	4.7 △	R915	ERDS2TJ821	1/4W	820
R102	ERDS2TJ823T	1/4W	82K	R607	ERD2FCVG150T	1/4W	15 ⚠	R916, 917	ERDS2TJ391	1/4W	390
R103	ERDS2TJ393	1/4W	39K	R608	ERD2FCVJ4R7T	1/4W	4.7 △	R919	ERDS2TJ821	1/4W	820
R104	ERDS2TJ682T	1/4W	6. 8K	R609	ERDS2TJ100	1/4W	10	R922	ERDS2TJ821	1/4W	820
R105	ERDS2TJ102	1/4W	1K	R610	ERDS2TJ222	1/4W	2. 2K	R923, 924	ERDS2TJ272T	1/4W	2. 7K
R106	ERDS2TJ473	1/4W	47K	R611-614	ERDS2TJ270T	1/4W	27				
R107	ERDS2TJ123	1/4W	12K	R615	ERDS2TJ102	1/4W	1K			CAPAC I	TORS
R201, 202	ERDS2TJ152	1/4W	1. 5K	R700	ERDS2TJ100	1/4W	10				
R211, 212	ERDS2TJ273	1/4W	27K	R701	ERDS2TJ822	1/4W	8. 2K	C1-4	ECBA1H681KB5	50V	680P
R213, 214	ERDS2TJ332	1/4W	3. 3K	R702, 703	ERDS2TJ103	1/4W	10K	C5, 6	ECEAOJKA470B	6. 3V	47 U
R215, 216	ERDS2TJ392T	1/4W	3. 9K	R704-706	ERDS2TJ472	1/4W	4. 7K	C7, 8	ECQB1H822JF3	50V	8200P
R217, 218	ERDS2TJ103	1/4W	10K	R707	ERDS2TJ152	1/4W	1. 5K	C9	ECEA1EKA4R7B	25V	4. 7U
R219, 220	ERDS2TJ822	1/4W	8. 2K	R710	ERDS2TJ103	1/4W	10K	C10-12	ECEA1EKA4R7B	25V	4. 7U
R223, 224	ERDS2TJ223	1/4W	22K	R800	ERDS2TJ103	1/4W	10K	C13	ECEAOJKA470B	6. 3V	47U
R227, 228	ERDS2TJ273	1/4W	27K	R802	ERDS2TJ470	1/4W	47	C15, 16	ECEA1EKA4R7B	25V	4. 7U

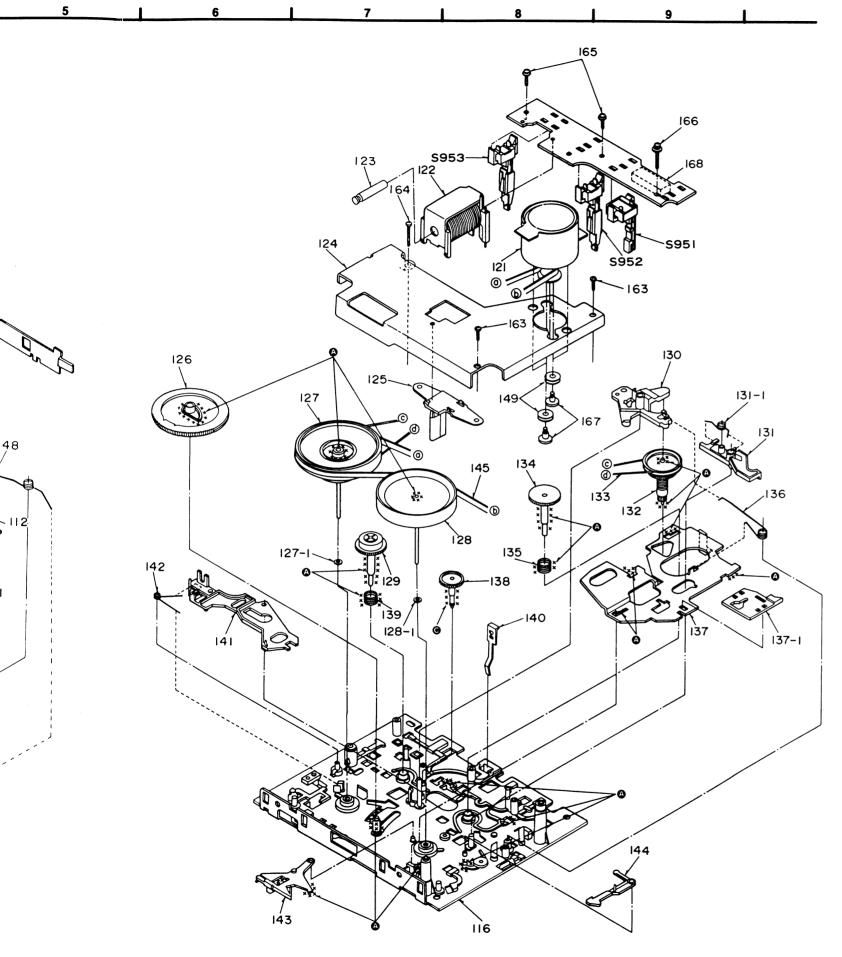
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Ref. No.	Part No.	Values & Remarks	Ref. No.	Part No.	Values & Remarks			
C17, 18	ECKR2H121KB5	500V 120P	C811	ECEA1HKAR33B	50V 0.33U			
C19, 20	ECBT1H561KB5	50V 560P	C812	ECBT1E103ZF	25V 0.01U			
C23, 24	ECBT1H102KB5	50V 1000P	C813	ECEA1HKAR22B	50V 0. 22U			
C25	ECBT1E1032F	25V 0. 01U	C901	ECBT1H470J5	50V 47P			
C27, 28	ECEA1HKAR22B	50V 0. 22U	C902	ECBT1H104ZF5	50V 0. 1U		-	
C29, 30	ECQB1H472JF3	50V 4700P						
C31, 32	ECQB1H123JF3	50V 0.012U						
C33, 34	ECBT1H391KB5	50V 390P						
C35, 36	ECBT1H102KB5	50V 1000P						
C37, 38	ECEA1CKA100B	16V 10U						
C39, 40	ECBT1C392KR5	16V 3900P						
C41	ECBT1H102KB5	50V 1000P	1					
C100	ECQB1H103JF3	50V 0.01U	1			1		
C101	ECEA1HKA3R3B	50V 3.3U	1			1		
C102	ECBT1H470J5	50V 47P	1			1		
C102	ECEA1HKA2R2B	50V 2. 2U	1					
C207, 208	ECEA1HKA010B	50V 1U	 	-		1		
C209	ECEA1EKA4R7B	25V 4. 7U	╂───	-		1		
C301	ECQP1153JZ	100V 0. 015U	 	+		1		
C302	ECEA1EKA4R7B	25V 4. 7U	╢			┨───		
C303	ECKR1H392KB5	50V 3900P	╂			1		
C304, 305	ECKN1H392KB5	50V 2200P	╂	-		╂		
	ECKD1H682KB	50V 2200P	╂			╂──		
C306 C307	ECRUTHOOZED ECBT1E1032F	25V 0.01U	╂					
	ECKR1H472KB5	50V 4700P	╂	-		1		
C308	ECEA1HKA010B	50V 4700P	╂	-		╂		
	_	25V 0. 01U	╂	 				
C310	ECBT1E103ZF		╂	-		╂		
C311, 312	ECBT1H221KB5			 			<u> </u>	
C401, 402	ECBT1H391KB5	50V 390P	- }	-			<u> </u>	
C403, 404	ECBT1C332KR5	16V 3300P		ļ		-		
C405, 406	ECEA1EKA4R7B	25V 4. 7U	 			 		
C407-410	ECQB1H222JF3	50V 2200P		-		-}		
C411, 412	ECEA1HUR56B	50V 0. 56U		_		-		
C413, 414	ECEA1HKAR33B	50V 0. 33U	-	-		-}}		
C415, 416	ECEA1CKA100B	16V 10U	 					
C501-503	ECEA1CKA100B	16V 10U	-	-				
C600, 601	ECKR1H103ZF5	50V 0.01U ⚠				-		
C602	ECKR2H682PE	500V 6800P ⚠	.				ļ	
C603	ECEA1EU222B	25V 2200U	 					
C604, 605	ECA1EM102B	25V 1000U	<u> </u>	ļ				
C606	ECKR1H103ZF5	50V 0. 01U	 			-		
C607, 608	ECEA1AKA101B	10V 100U				-		
C609, 610	ECBT1E103ZF	25V 0. 01U	_			-		
C611	ECEA1HKA010B	50V 1U				.		
C612, 613	ECA1AM471B	10V 470U	1			1		
C614, 615	ECBT1E103ZF	25V 0. 01U	1					
C616, 617	ECKR1H103ZF5	50V 0. 01U	1					
C618	ECEA1CKA100B	16V 10U						
C701	ECEA1CKA100B	16V 10U						
C802	ECAOJM102B	6. 3V 1000U						
C803, 804	ECBT1E103ZF	25V 0. 01U						
C810	ECBT1E223ZF	25V 0. 022U						

■ CABINET PARTS LOCATION



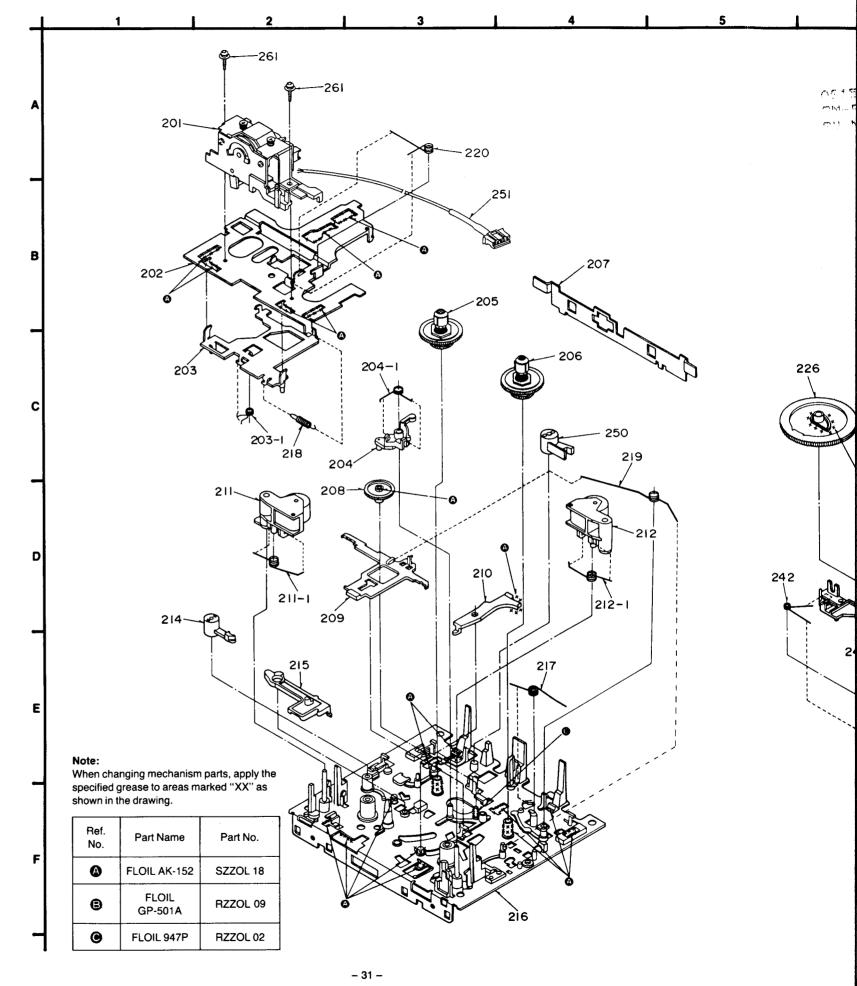
Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	
		ALDIADE DADE					
		CABINET PARTS		 			
				 			
	RHD30007	SCREW		<u> </u>			
	RKM0202-1K	CABINET		1			
	RYF0182A-K	CASSETTE LID(DECK1)					
	RYF0183-K	CASSETTE LID(DECK2)					
	XTBS3+8JFZ1	SCREW					
	RGR0147A-C	REAR PANEL					
	RFKJHCH550NK	BOTTOM BOARD ASS'Y					
-1	RKA0055-N	FOOT					
	RDG0201	DAMPER GEAR					
	RGL0166-Q	LENS					
)	RGP0276-K	FRONT PANEL					
1	RGU0765-K	EJECT BUTTON(DECK1)		1			
2	RGU0766-K	EJECT BUTTON (DECK2)					
3	RGU0767-K	BUTTON, OPERATION		1			
4	RHD30032	SCREW		1			
5	RMA0593	MECHANISM ANGLE		1			_
6	RMB0141-1	EJECT ROD SPRING		1			
7	RMB0253	C. HOLDER SPRING (DECK1)					
8	RML0263	EJECT LEVER (DECK1)		 			-
9	RML0264	EJECT LEVER (DECK2)		 			_
0	RMM0089	EJECT ROD (DECK1)					_
	RMM0090	EJECT ROD (DECK2)					_
2	RMR0576-K	GEAR HOLDER		 			_
 3	RYF0184-K	CASSETTE HOLDER(DECK1)					_
3-1	RUS757ZA	SPRING		 			
4	RYF0185-K	CASSETTE HOLDER(DECK2)					-
l-1	RUS7572A	SPRING		 			_
 5	XTBS26+8J	SCREW		{ }			_
6	SHE185-2	HOLDER		<u> </u>			_
, 7		SCREW		 			_
8	XTB3+10JFZ	SCREW		 			_
9	XTB3+16JFZ	SCREW					_
)		FLAT CABLE (7P)		 			
1		FLAT CABLE (4P)					_
2		FLAT CABLE (10P)		 			_
3	REZ0511						_
 4	RMB0254	FLAT CABLE (7P) (J912)		 			_
<u> </u>	MDU234	C. HOLDER SPRING (DECK2)		 			
				1			_
				 			
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							_
							_
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			:				





Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
				143	RUB515ZA	LEVER	
		MECHANISM PARTS		144	RUB509ZA	LEVER	
		DECK1 (P. B)		145	RDV108ZA	BELT	
				148	RUW144ZA	SPRING	
101	RXQ0051-2	HEAD ASS' Y (P. B)		149	RHG3032ZA	RUBBER	
102	RUA793ZF	CHASSIS		150	RNL180ZB	LEVER	
103	RZLAR300	LEVER ASS' Y		151	REX0061	CABLE ASS' Y	
103-1	RUW143ZA	SPRING		161	XTW2+6L	SCREW	
104	1UB0089ZA	ARM		163	XTN26+7J	SCREW	
104-1	RUW148ZA	SPRING		164	RHE5203ZA	SCREW	
105	1DM0018ZB	REEL TABLE ASS' Y		165	XTW2+8S	SCREW	
106	1DM0017ZB	REEL TABLE ASS' Y		166	XYC2+JF16	SCREW	
107	RML0069-1	LEVER		167	RHD26002	SCREW	1 · · · · · · · · · · · · · · · · · · ·
108	RDG57722C	GEAR	***************************************	168	RJS7T7ZA	CONNECTOR (7P)	
109	RUB508ZB	LEVER		11			
10	RUB506ZB	LEVER		1			
11	1UB0088ZB	PINCH ROLLER		ll			
11-1	RUW141ZA	SPRING		<u> </u>			
12	1UB0087ZB	PINCH ROLLER		<u> </u>			
12-1	RUW1402C	SPRING		1			****
14	RNL1ZD	ARM		l			
15	RUB5032D	LEVER		 			
	RFKRAA0320	CHASSIS ASS' Y					
	RUW142ZA	SPRING SPRING		 			
	RUD105ZA	SPRING		}			
	RUW139ZA	SPRING		<u> </u>			
	RFM133ZA	MOTOR ASS' Y					
22	1UE0015ZB	PLUNGER		 			
	RUB428ZE	 					
		SHAFT		 			
	RUL1030YA	PLATE					
	RMD5014ZC	SPACER				ļ	
	RDG5927ZG	GEAR					
	1DW0037ZB	FLYWHEEL ASS' Y					
	RNW1392A	WASHER		 			
	1DW0038ZB	FLYWHEEL ASS' Y		 			
	RNW138ZA	WASHER					
	1DG0006ZB	GEAR					
	RUB513ZD	LEVER					
	1UB0091ZA	LEVER					
	RUW146ZA	SPRING					
32	1DR0011ZB	PULLEY ASS' Y					
33	RDV90ZB	BELT					
34	RDG5769ZA	GEAR					
35	RUQ111ZB	SPRING					
36	RUW145ZA	SPRING					
37	1UB0090ZA	ROD					
	RUB512ZB	ROD					
	RDG5773ZB	GEAR					
	RUQ112ZA	SPRING					
	RUS609ZC	SPRING					
	RUB5142C	LEVER		<u> </u>			
41							

■ MECHANISM PARTS LOCATION • DECK 2



Ref. No.	Part No.	Part Name & Description	Remarks	Ref. No.	Part No.	Part Name & Description	Remarks
				243	RUB515ZA	LEVER	
		DECK2 (R/P)		244	RUB509ZA	LEVER	
				245	RDV108ZA	BELT	
201	RXQ0007-2	HEAD ASS' Y(R/P)		249	RHG3032ZA	RUBBER	
202	RUA793ZF	CHASSIS		250	RNL180ZB	LEVER	
203	RZLAR300	LEVER ASS' Y		251	REX0059	CABLE ASS' Y	
203-1	RUW143ZA	SPRING		261	XTW2+6L	SCREW	
204	1UB00892A	ARM		263	XTN26+7J	SCREW	
204-1	RUW148ZA	SPRING		264	RHE5203ZA	SCREW	
205	1DM0018ZB	REEL TABLE ASS' Y		265	XTW2+8S	SCREW	
206	1DM0017ZB	REEL TABLE ASS' Y		266	XYC2+JF16	SCREW	
207	RML0069-1	LEVER		267	RHD26002	SCREW	····
208	RDG5772ZC	GEAR		268	RJS10T7ZA	CONNECTOR (10P)	
209	RUB508ZB	LEVER					
210	RUB506ZB	LEVER					
211	1UB0088ZB	PINCH ROLLER					
211-1	RUW141ZA	SPRING					
212	1UB0087ZB	PINCH ROLLER					
212-1	RUW1 40 ZC	SPRING					
214	RNL1ZD	ARM					
215	RUB5032D	LEVER					
216	RFKRAA0320	CHASSIS ASS' Y					
217	RUW142ZA	SPRING					
218	RUD105ZA	SPRING					
219	RUW144ZA	SPRING					
220	RUW1 39ZA	SPRING					
221	RFM133ZA	MOTOR ASS' Y					
222	1UE0015ZB	PLUNGER					
223	RUB428ZE	SHAFT					
224	RUL1030YA	PLATE					
225	RMD5014ZC	SPACER					
226	RDG5927ZG	GEAR					
227	1DW0037ZB	FLYWHEEL ASS' Y					
227-1	RNW139ZA	WASHER					
228	1DW0038ZB	FLYWHEEL ASS' Y					····
228-1	RNW138ZA	WASHER		_			
229	1DG0006ZB	GEAR					
230	RUB5132D	LEVER					1.11/-/-
231	1UB0091ZA	LEVER					
231-1	RUW146ZA	SPRING					
232	1DR0011ZB	PULLEY ASS' Y		1		1	
233	RDV90ZB	BELT		}			
234	RDG5769ZA	GEAR			1		
235	RUQ111ZB	SPRING					
236	RUW1 452A	SPRING		_			
237	1UB0090ZA	ROD			1		
237-1	RUB512ZB	ROD					
238	RDG5773ZB	GEAR					
239	RUQ112ZA	SPRING			 		
240	RUS609ZC	SPRING			 		
241	RUB514ZC	LEVER					
242	RUW147ZA	SPRING			+		

RS-CH550 RS-CH550

■ MECHANISM PARTS LOCATION • DECK 2

